PDi
Communication Systems, Inc

Quick Start Guide

PDI-P15Q

HDTV PAL/DVB-T
Arm Mounted Healthcare-Grade Television

Document Number PD196-256R2

PDi Communication Systems, Inc.
40 Greenwood Ln Springboro, OH 45066
Toll-free 800.628.9870 | Fax 937.743.5664

www.pdiarm.com

This symbol indicates that dangerous voltage constituting a risk of electric shock is present within this unit.

This symbol indicates that there are important operating and maintenance instructions in the literature accompanying this unit.

CAUTION

RISK OF ELECTRIC SHOCK,
DO NOT OPEN!

CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER. NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL

Overhead Falling Hazard

WARNING: To prevent injury, this apparatus must be securely attached to the floor/wall in accordance with the installation instructions. TV's can pose a striking hazard when mounted at an elevated position. Use only PDi mounting brackets, support arms, and appropriate hardware to assure TV will not fall from the mounted position. Failure to do so may cause injury or death.

Oxygen Environment

WARNING: Do not use in any oxygen tent or oxygen chamber. Such use may cause a fire hazard.

Rain and Moisture

WARNING: To avoid the hazards of fire or electrical shock, DO NOT expose this television to rain or moisture.

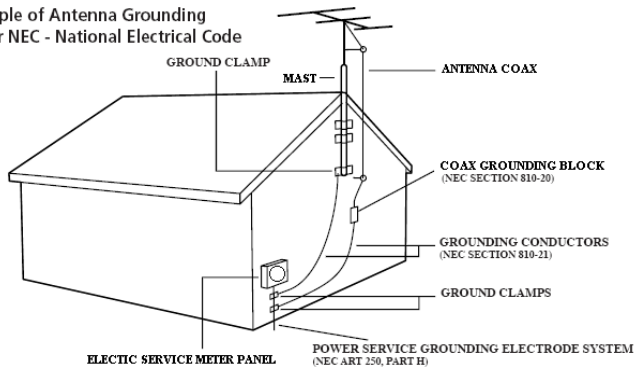
Wet Location

Do not use this television near water. Television shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on the television.

Note to Cable TV Installer

This reminder is provided to call the cable TV systems installer's attention to Article 820-40 of the National Electrical Code. The code provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building, as close to the point of the cable entry as practical. Canadian installations shall be properly grounded in accordance with the Canadian Electrical Code, Part 1.

Example of Antenna Grounding as per NEC - National Electrical Code



FCC

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

Maintenance and Servicing

The TV does not require periodic maintenance other than cleaning. Never remove the back cover of the TV; this can expose you to high voltage and other hazards. If the TV does not operate properly, unplug it and call an authorized service center or PDi.

Cleaning and Disinfection

Clean the exterior of this television by removing dust with a lint-free cloth. CAUTION: To avoid damage to the surface of the television, do not use abrasive or chemical cleaning agents. Spot test a new disinfectant by test cleaning a non-obvious small spot on the TV's back cabinet, keypad, and LCD panel. Allow the disinfectant to soak per its instructions and then wipe clean. Do not use the disinfectant if the TV's surfaces show any sign of discoloration or softening.

Product Modification

Do not attempt to modify this product in any way without written authorization. Unauthorized modification could void the user's authority to operate this product.

Trademarks

All brand names and product names in this manual are trademarks, registered trademarks, or trade names of their respective holder. *PDi* is a registered trademark of PDi Communication Systems, Inc., Springboro, Ohio. Dolby and the double-D symbol are trademarks of Dolby Laboratories.

IMPORTANT SAFETY INSTRUCTIONS

CAUTION: THIS INSTALLATION SHOULD BE MADE BY A QUALIFIED SERVICE PERSON AND SHOULD CONFORM TO ALL LOCAL CODES. READ AND FOLLOW THE SAFETY INSTRUCTIONS BEFORE ATTEMPTING THIS INSTALLATION.

1. Read these Instructions – All the safety and operating instructions should be read before the product is operated.
2. Keep these Instructions – The safety and operating instructions should be retained for future reference.
3. Heed all warnings – All warnings on the product and in the operating instructions should be adhered to.
4. Follow all instructions – All warnings on the product and in the operating instructions should be followed.
5. Do not use this apparatus near water – for example, near a bath tub, wash bowl, in a wet basement; or near a swimming pool; and the like.
6. Clean only with dry cloth. Do not use liquid cleaners or aerosol cleaners.
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions. The openings should never be blocked by placing the product on a bed, sofa, rug, or other similar surface.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. DO NOT defeat the safety purpose of the polarized or grounding-type plug. This product is equipped with a three-wire grounding-type plug, a plug having a third (grounding) pin. This plug will only fit into a grounding-type power outlet. This is a safety feature. If you are unable to insert the plug into the outlet, contact your electrician to replace your obsolete outlet.
10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the product.
11. Attachments – Only use attachments/accessories specified by the manufacturer.
12. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.

13. Unplug this apparatus during lightning storms or when unused for long periods of time.
14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
15. Power Sources – This product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply to your home, consult your product dealer or local power company. For products intended to operate from battery power, or other sources, refer to the operating instructions.
16. Oxygen Environment – Do not use in an oxygen tent or oxygen chamber. Such use may cause a fire hazard.
17. Lightning – For added protection for this product during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect the antenna or cable system. This will prevent damage to the product due to lightning and power-line surges.
18. If at any time you wish to dispose of this product, remember that electrical products should not be disposed of with household waste. Consult your local authority or retailer for more details.

INSTALLATION

Location

*Note: Ceiling mounted fluorescent lights and windows may produce unwanted glare and should be considered when selecting a mounting location

TV to Arm Mounting

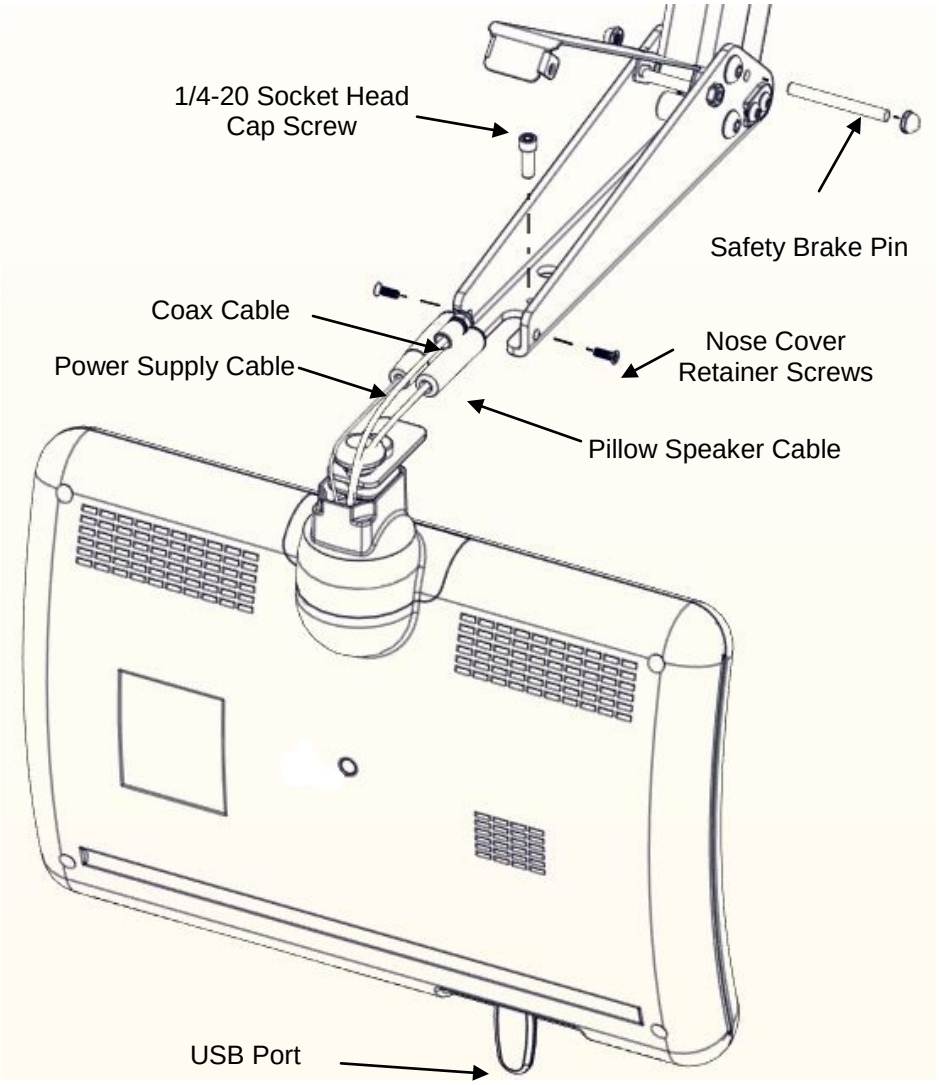
This television is designed to attach to a wall mounted suspension arm capable of supporting a television weighing 9.5 pounds (PDI-AA410 Series). The single coaxial cable on top of the TV is used to supply the RF signal to the television.

DANGER: ARM RECOIL HAZARD

The safety brake pin must remain in the SAFETY BRAKE PIN HOLE whenever the television is removed from the arm or when the arm is removed from the wall bracket to prevent the arm from springing open.

1. Remove and save the 1/4-20 (1/4 inch x 20 threads per inch) Socket Head Cap Screw from the TV's Swivel.
2. Remove the two Nose Cover Retainer Screws and raise the metal nose cover.
3. Slide the TV's swivel completely into the arm's clevis (slot) such that the Upper and Lower Swivel Plates sandwich the arm's nose. The nose of the support arm should rest between each plate.
4. Align the Retainer Plate's mounting hole over the arm mounting hole. Thread the 1/4-20 Socket Head Cap Screw through the Top Retainer Plate, the arm's nose and then into the Lower Retainer Plate. Tighten.
5. The coax cable in the nose of the arm should be joined with the coax cable from the television. Wrench tighten the connection and cover by sliding the plastic boot sections into mating position.

IMPORTANT: Finger only tightening of this cable connection will result in reliability problems weeks or months later. Wrench tighten all "F" fitting connections!



6. For PDI-500 series arms, remove the Safety Brake Pin from the Safety Brake Pin Hole, reattach the acorn nut to the pin, and store the assembly inside the nose of the arm by attaching it to the coax cable using the attached plastic clip. DO NOT store the pin inside the nose of PDI-AA410 series arms.
7. Close the metal nose cover onto the nose. Reinstall the two Nose Cover Retainer Screws.

Programming the TV

The PD108-420 programming remote control is required to perform all setup operations for the television. One remote is sent with each order and additional remotes must be purchased separately.
Note: The following instructions assume you have a programming remote, have correctly mounted the TV and connected an RF coax cable signal.

Channel Setup

Service Levels Setup

The TV offers three different programmable channel banks or Service Levels: Free, Basic, and Premium. Only one service level is usable at a time.

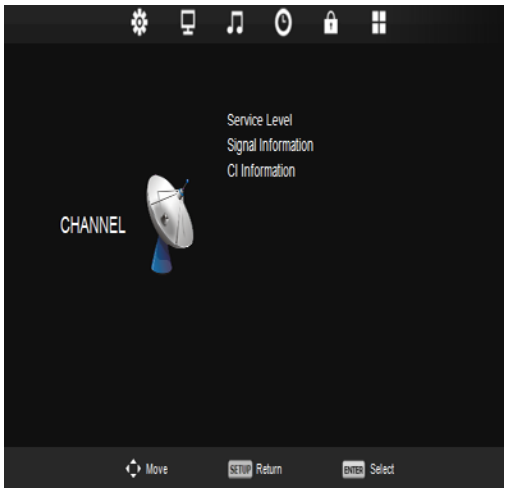
Disabled – This is like a mechanical key lock – when in *Disabled* Service Level, the TV can be turned off and on, but it cannot be used for viewing. A standard message appears on a black screen

Free – This lets patients watch hospital education and information channels without renting the TV. The channels containing programming for no charge are typically programmed into this level of service. This is the factory default setting for Service Level.

Basic – This service level typically allows additional channels beyond those offered in the FREE level.

Premium – This is the highest service level with typically the most channels available for viewing.

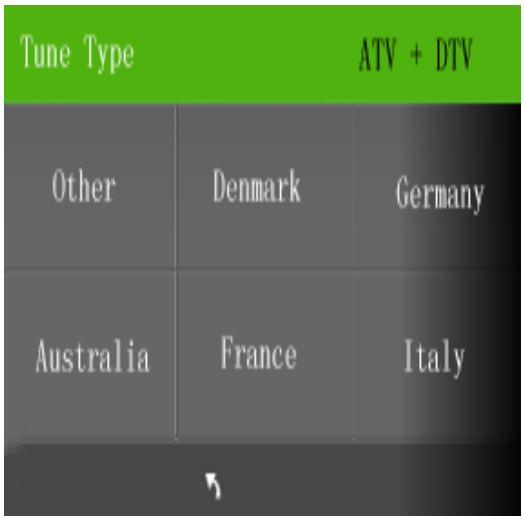
1. In “Channel” screen, highlight “Service Level” with ▲ or ▼ arrows on remote.
2. Press ► to enter next screen and select desired service level. Once desired service level is shown it automatically saves and you may exit the screen.
3. Press “Setup” or “Exit” to exit the screen.



Auto Tuning

The TV automatically scans each available channel for activity. Channels that display activity are memorized into the selected Service Level.

1. In the “Channel” screen, press ▼ to highlight “Service Level. Press “OK”.
2. Press ▼to highlight “Auto Tuning”. Press “OK”.
3. Press ► to select ATV, DTV, or ATV+DVT
4. Press ▼ and ► to select origin.
5. Press “OK” for auto programming. This step could take several minutes.
6. Press “Setup” or “Exit” to exit the screen.



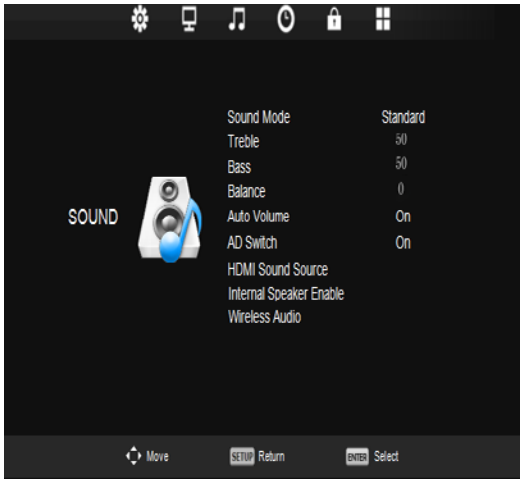
Sound Programming

The TV’s internal speakers can be disabled requiring the use of a pillow speaker for private listening.

Internal Speaker

The speaker’s inside the TV’s cabinet can be Enabled (turned ON) or Disabled (turned OFF).

1. In the “Sound” menu, press ▼until you reach “Internal Speaker”
2. Press ►or “OK” and then▼ to select the desired menu item.
3. When menu item is selected press ► to enable or disable.
4. Press “Setup” or “Exit” to exit the screen.



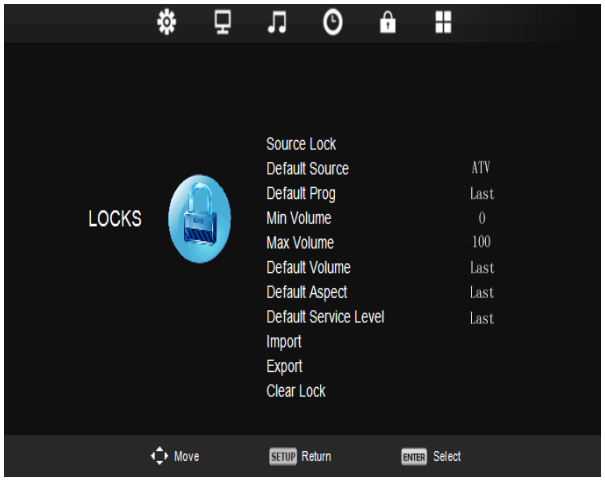
Cloning

Cloning allows quick programming of a TV from a USB memory stick (Thumb Drive). Clone operation involves first downloading setup information from a programmed host TV to a Thumb Drive and then uploading the setup information to another TV. Cloning can also be used to re-program a programmed TV. (See page 4 for cloning port location).

Note: After cloning, remotes A, B, C, or D will need to be re-selected. (See user manual PD196-257 for instructions).

Import Settings

1. In the "LOCK" menu, press▼ to highlight "Locks".
2. Press "OK" to enter "LOCKS"
3. Press▼ to highlight "Import".
4. Insert USB and press "OK".
5. TV will re-boot when import is complete.



Save Settings to USB

1. In the "LOCK" menu, press ▼ to highlight "Locks"
2. Press "OK" to enter "LOCKS" screen.
3. Insert USB.
4. Press ▼ to highlight "Export".
5. Press "OK" to save to USB.
6. Press "Setup" or "Exit" to exit the screen.

Restore Factory Settings to TV

1. In the "Setup" screen, press ▼ until "Reset" is highlighted.
2. Press "OK" and you will be asked to confirm.
3. Press ◄ to confirm reset.

Additional Information

Additional information is available in the user manual part number PD196-257. Please visit the company web site or contact PDi.

PDi Communication Systems, Inc.
40 Greenwood Lane
Springboro, Ohio 45066

WEB: http://www.pdiarm.com

PH: 800-628-9870

PDi International, PTE LTD
Henry Building
5 Eunos Ave #2-00 8A
Singapore 409459

http://www.pdidisplays.com

PH: +65-6846-1482